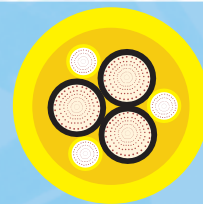
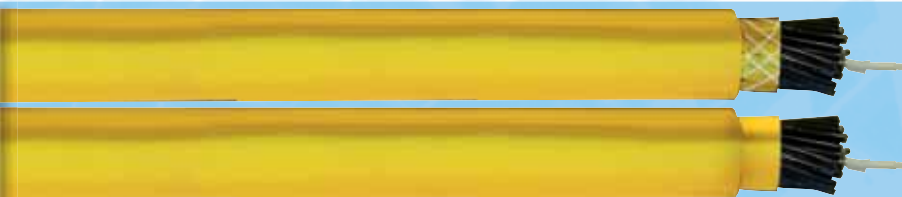




FLEXIDRUM® DR 700 PT



Construction:

Conductor:	flexible red copper, class 5, acc. to IEC 60228
Insulation:	POWER: EPR special compound EARTH: XLPE special compound
Cores color:	POWER CORES: black, brown, blue EARTH CORES: green-yellow
Inner sheath:	special PVC compound
Outer sheath :	yellow PUR

Technical data:

Nominal voltage:	0,6/1kv Max 1,2 kv
Test voltage:	3,5 kv
Min bending radius:	
for laying and installation (fixed laying):	6 x d
for repeated winding action (flexible):	10 x d
guided on deflection pulleys (flexible):	10 x d
Temperature range	
Fixed installation:	- 30°C + 80°C
Flexible application:	- 20°C + 80°C
Max temperature on the conductor:	
In service:	+ 90°C
Flexible installation:	+ 250°C
Max speed:	60 m/min. please inquire for higher speeds
Oil resistance:	very good
Chemical resistance:	very good
Fire performance:	flame retardant acc. to IEC 60332-1
Weather resistance:	very good

Outstanding features:

- ▶ PT version without antitwisting protection
- ▶ for SPEED and MINIMUM BENDING RADIUS see pages 1,2,3/5,6 of catalogue

Applications:

- ▶ Power supply to mobile equipment with high risk of mechanical damage in mining and tunneling.
FLEXIDRUM® DR 700 PT cable is suitable for application where it is deflected in one plane only.

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
07010363T	3x25+3G6	25,5	892,8	1260	1500	4
07010364T	3x35+3G6	27,5	1180,8	1550	2100	2
07010365T	3x50+3G10	31,0	1728,0	2220	3000	1
07010366T	3x70+3G16	35,8	2476,8	3110	4200	2/0
07010367T	3x95+3G16	40,3	3196,8	3770	5700	3/0
07010368T	3x120+3G25	45,3	4176,0	4980	7200	4/0
07010369T	3x150+3G25	50,3	5040,0	6010	9000	250 MCM
07010370T	3x185+3G35	54,5	6336,0	7300	11100	350 MCM
07010371T	3x240+3G50	61,0	8352,0	9450	14400	450 MCM
07010372T	3x300+3G50	70,5	10080,0	12315	21000	550 MCM

Other construction and sizes are available on request

Correction factors for ambient temperature other than 30°C

°C	20	25	35	40	45	50
K	1,1	1,05	0,95	0,89	0,84	0,77

